

# Harald Kuntschner

## List of Publications by Year in descending order

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100  
papers

11,566  
citations

38742

50  
h-index

37204

96  
g-index

100  
all docs

100  
docs citations

100  
times ranked

4475  
citing authors

#	ARTICLE	IF	CITATIONS
1	Old and new major mergers in the SOSIMPLE galaxy, NGC 7135. Monthly Notices of the Royal Astronomical Society, 2021, 502, 2296-2307.	4.4	6
2	Mapping accreted stars in early-type galaxies across the mass-size plane. Monthly Notices of the Royal Astronomical Society, 2021, 507, 3089-3112.	4.4	13
3	Formation channels of slowly rotating early-type galaxies. Astronomy and Astrophysics, 2020, 635, A129.	5.1	22
4	A quartet of black holes and a missing duo: probing the low end of the MBH- $\sigma$ relation with the adaptive optics assisted integral-field spectroscopy. Monthly Notices of the Royal Astronomical Society, 2018, 477, 3030-3064.	4.4	37
5	A Two-dimensional Spectroscopic Study of Emission-line Galaxies in the Faint Infrared Grism Survey (FIGS). I. Detection Method and Catalog. Astrophysical Journal, 2018, 868, 61.	4.5	11
6	FIGS-Faint Infrared Grism Survey: Description and Data Reduction. Astrophysical Journal, 2017, 846, 84.	4.5	37
7	Integral-field kinematics and stellar populations of early-type galaxies out to three half-light radii. Monthly Notices of the Royal Astronomical Society, 2017, 471, 4005-4026.	4.4	30
8	Spatially resolved star formation relation in two HI-rich galaxies with central post-starburst signature. Astronomy and Astrophysics, 2017, 600, A80.	5.1	3
9	The atlas <sup>3D</sup> Project - XXXI. Nuclear radio emission in nearby early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2016, 458, 2221-2268.	4.4	53
10	NEW CONSTRAINTS ON A COMPLEX RELATION BETWEEN GLOBULAR CLUSTER COLORS AND ENVIRONMENT. Astrophysical Journal Letters, 2016, 829, L5.	8.3	19
11	The ATLAS3D Project - XXX. Star formation histories and stellar population scaling relations of early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2015, 448, 3484-3513.	4.4	326
12	The ATLAS3D project - XXIX. The new look of early-type galaxies and surrounding fields disclosed by extremely deep optical images. Monthly Notices of the Royal Astronomical Society, 2015, 446, 120-143.	4.4	243
13	The ATLAS3D project - XXVI. H $\alpha$ discs in real and simulated fast and slow rotators. Monthly Notices of the Royal Astronomical Society, 2014, 444, 3388-3407.	4.4	58
14	The ATLAS3D project - XXVII. Cold gas and the colours and ages of early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2014, 444, 3408-3426.	4.4	92
15	The ATLAS 3D project - XXIV. The intrinsic shape distribution of early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2014, 444, 3340-3356.	4.4	100
16	Ionized gas discs in elliptical and SO galaxies at $z < 1$ . Monthly Notices of the Royal Astronomical Society, 2014, 440, 3491-3502.	4.4	16
17	CONNECTION BETWEEN DYNAMICALLY DERIVED INITIAL MASS FUNCTION NORMALIZATION AND STELLAR POPULATION PARAMETERS. Astrophysical Journal Letters, 2014, 792, L37.	8.3	40
18	Integral field spectroscopy of two H $\alpha$ -rich E+A galaxies. Monthly Notices of the Royal Astronomical Society, 2014, 443, 388-392.	4.4	17

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19	ATLAS <sup>3D</sup> Stellar Population Gradients. Proceedings of the International Astronomical Union, 2014, 10, 53-56.	0.0	1
20	NGC 1266 AS A LOCAL CANDIDATE FOR RAPID CESSATION OF STAR FORMATION. Astrophysical Journal, 2014, 780, 186.	4.5	31
21	The ATLAS3D Project â€“ XXVIII. Dynamically driven star formation suppression in early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2014, 444, 3427-3445.	4.4	150
22	The Panchromatic High-Resolution Spectroscopic Survey of Local Group Star Clusters. Astronomy and Astrophysics, 2014, 572, A13.	5.1	15
23	The ATLAS3D project â€“ XV. Benchmark for early-type galaxies scaling relations from 260 dynamical models: mass-to-light ratio, dark matter, Fundamental Plane and Mass Plane. Monthly Notices of the Royal Astronomical Society, 2013, 432, 1709-1741.	4.4	532
24	The ATLAS3D project â€“ XXII. Low-efficiency star formation in early-type galaxies: hydrodynamic models and observations. Monthly Notices of the Royal Astronomical Society, 2013, 432, 1914-1927.	4.4	94
25	The ATLAS3D project â€“ XIX. The hot gas content of early-type galaxies: fast versus slow rotators. Monthly Notices of the Royal Astronomical Society, 2013, 432, 1845-1861.	4.4	50
26	The ATLAS3D Project â€“ XXIII. Angular momentum and nuclear surface brightness profiles. Monthly Notices of the Royal Astronomical Society, 2013, 433, 2812-2839.	4.4	60
27	Discovery of a giant H $\alpha$ tail in the galaxy group HCG 44. Monthly Notices of the Royal Astronomical Society, 2013, 428, 370-380.	4.4	53
28	The ATLAS3D project â€“ XVII. Linking photometric and kinematic signatures of stellar discs in early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 432, 1768-1795.	4.4	127
29	The cold gas content of post-starburst galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 432, 492-499.	4.4	30
30	The complex nature of the nuclear star cluster in FCCA277â€“.... Monthly Notices of the Royal Astronomical Society, 2013, 431, 3364-3372.	4.4	33
31	The ATLAS3D project â€“ XX. Mass size and mass distribution of early-type galaxies: bulge fraction drives kinematics, mass-to-light ratio, molecular gas fraction and stellar initial mass function. Monthly Notices of the Royal Astronomical Society, 2013, 432, 1862-1893.	4.4	496
32	The ATLAS3D Project â€“ XIV. The extent and kinematics of the molecular gas in early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 429, 534-555.	4.4	175
33	The ATLAS3D project â€“ XVI. Physical parameters and spectral line energy distributions of the molecular gas in gas-rich early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 432, 1742-1767.	4.4	17
34	The ATLAS3D project â€“ XVIII. CARMA CO imaging survey of early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 432, 1796-1844.	4.4	121
35	The ATLAS3D project â€“ XXI. Correlations between gradients of local escape velocity and stellar populations in early-type galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 432, 1894-1913.	4.4	73
36	Stellar population gradients and spatially resolved kinematics in luminous post-starburst galaxies. Monthly Notices of the Royal Astronomical Society, 2013, 432, 3131-3140.	4.4	25

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37	THE ROAD TO THE RED SEQUENCE: A DETAILED VIEW OF THE FORMATION OF A MASSIVE GALAXY AT $z \approx 1/4$ . <i>Astronomical Journal</i> , 2012, 144, 47.	4.7	20
38	Gemini GMOS and WHT SAURON integral-field spectrograph observations of the AGN-driven outflow in NGC 1266. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 426, 1574-1590.	4.4	48
39	Systematic variation of the stellar initial mass function in early-type galaxies. <i>Nature</i> , 2012, 484, 485-488.	27.8	496
40	Secular evolution in action: central values and radial trends in the stellar populations of boxy bulges. <i>Monthly Notices of the Royal Astronomical Society: Letters</i> , 2012, , no-no.	3.3	4
41	The SAURON project - XX. The Spitzer [3.6] $\hat{=}$ [4.5] colour in early-type galaxies: colours, colour gradients and inverted scaling relations. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 419, 2031-2053.	4.4	26
42	Stellar population gradients in the cores of nearby field E+A galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 420, 2232-2244.	4.4	29
43	The ATLAS <sup>3D</sup> project - XI. Dense molecular gas properties of CO-luminous early-type galaxies <sup>...</sup> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 421, 1298-1314.	4.4	70
44	The ATLAS3D project - XIII. Mass and morphology of H $\alpha$ fi in early-type galaxies as a function of environment. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 422, 1835-1862.	4.4	326
45	The SAURON project - XXI. The spatially resolved UV-line strength relations of early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 423, 1921-1939.	4.4	11
46	The ATLAS project - XII. Recovery of the mass-to-light ratio of simulated early-type barred galaxies with axisymmetric dynamical models. <i>Monthly Notices of the Royal Astronomical Society</i> , 2012, 424, 1495-1521.	4.4	44
47	The ATLAS3D project - V. The CO Tully-Fisher relation of early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 968-984.	4.4	61
48	The ATLAS3D project - I. A volume-limited sample of 260 nearby early-type galaxies: science goals and selection criteria. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 813-836.	4.4	867
49	The stellar populations of early-type galaxies - II. The effects of environment and mass. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 413, 1036-1053.	4.4	19
50	The SAURON project - XVIII. The integrated UV-line-strength relations of early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 1887-1902.	4.4	29
51	The ATLAS3D project - III. A census of the stellar angular momentum within the effective radius of early-type galaxies: unveiling the distribution of fast and slow rotators. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 888-912.	4.4	587
52	The stellar kinematics and populations of boxy bulges: cylindrical rotation and vertical gradients <sup>...</sup> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 2163-2172.	4.4	32
53	The ATLAS3D project - II. Morphologies, kinematic features and alignment between photometric and kinematic axes of early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 2923-2949.	4.4	378
54	The ATLAS3D project - IV. The molecular gas content of early-type galaxies <sup>...</sup> . <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 414, 940-967.	4.4	334

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55	The ATLAS3D project - VII. A new look at the morphology of nearby galaxies: the kinematic morphology-density relation. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 416, 1680-1696.	4.4	354
56	The ATLAS3D project - VI. Simulations of binary galaxy mergers and the link with fast rotators, slow rotators and kinematically distinct cores. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 416, 1654-1679.	4.4	164
57	The ATLAS3D project - IX. The merger origin of a fast- and a slow-rotating early-type galaxy revealed with deep optical imaging: first results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 863-881.	4.4	87
58	The ATLAS3D project - X. On the origin of the molecular and ionized gas in early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 882-899.	4.4	235
59	The effect of the environment on the gas kinematics and the structure of distant galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 1996-2019.	4.4	36
60	The ATLAS3D project - VIII. Modelling the formation and evolution of fast and slow rotator early-type galaxies within $\Lambda$ CDM. <i>Monthly Notices of the Royal Astronomical Society</i> , 2011, 417, 845-862.	4.4	87
61	<i>HUBBLE SPACE TELESCOPE</i> WFC3 EARLY RELEASE SCIENCE: EMISSION-LINE GALAXIES FROM INFRARED GRISM OBSERVATIONS. <i>Astronomical Journal</i> , 2011, 141, 14.	4.7	29
62	Spatially Resolved Spectroscopy of Starburst and Post-Starburst Galaxies in the Rich $z \sim 0.55$ Cluster CL 0016+16. <i>Publications of the Astronomical Society of Australia</i> , 2010, 27, 360-373.	3.4	9
63	The stellar populations of early-type galaxies - I. Observations, line strengths and stellar population parameters. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 409, 1455-1469.	4.4	8
64	Early-type galaxies in different environments: an $H\alpha$ view. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 409, 500-514.	4.4	124
65	The SAURON project - XVI. On the sources of ionization for the gas in elliptical and lenticular galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 2187-2210.	4.4	269
66	The SAURON project - XV. Modes of star formation in early-type galaxies and the evolution of the red sequence. <i>Monthly Notices of the Royal Astronomical Society</i> , 2010, 402, 2140-2186.	4.4	104
67	Stellar velocity profiles and line strengths out to four effective radii in the early-type galaxies NGC 3379 and 821. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 398, 561-574.	4.4	113
68	The SAURON project - XIII. SAURON-GALEX study of early-type galaxies: the ultraviolet colour-magnitude relations and Fundamental Planes. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 398, 2028-2048.	4.4	84
69	The SAURON Project - XIV. No escape from $V_{esc}$ : a global and local parameter in early-type galaxy evolution. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 398, 1835-1857.	4.4	76
70	The kinematics and spatial distribution of stellar populations in E+A galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2009, 396, 1349-1369.	4.4	53
71	The SAURON project - XII. Kinematic substructures in early-type galaxies: evidence for discs in fast rotators. <i>Monthly Notices of the Royal Astronomical Society</i> , 2008, 390, 93-117.	4.4	166
72	A New Approach to the Study of Stellar Populations in Early-type Galaxies: $K$ -Band Spectral Indices and an Application to the Fornax Cluster. <i>Astrophysical Journal</i> , 2008, 674, 194-208.	4.5	48

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73	Fast and slow rotators: the build-up of the red sequence. Proceedings of the International Astronomical Union, 2007, 3, 11-14.	0.0	0
74	Supermassive black holes from OASIS and SAURON integral-field kinematics. Proceedings of the International Astronomical Union, 2007, 3, 215-218.	0.0	2
75	Spiral galaxies in the SAURON survey. Proceedings of the International Astronomical Union, 2007, 3, 271-276.	0.0	0
76	Internal kinematics and stellar populations of early-type galaxies in the Fornax cluster. Proceedings of the International Astronomical Union, 2007, 3, 303-304.	0.0	1
77	Connecting stars and ionised gas with integral-field spectroscopy. New Astronomy Reviews, 2007, 51, 13-17.	12.8	3
78	On the origin and fate of ionised-gas in early-type galaxies: The SAURON perspective. New Astronomy Reviews, 2007, 51, 18-23.	12.8	11
79	Absorption-line strengths of 18 late-type spiral galaxies observed with SAURON. Monthly Notices of the Royal Astronomical Society, 2007, 380, 506-540.	4.4	63
80	Stellar Populations of Decoupled Cores in E/S0 Galaxies with sauron and oasis. Proceedings of the International Astronomical Union, 2006, 2, .	0.0	0
81	The SAURON project - VI. Line strength maps of 48 elliptical and lenticular galaxies. Monthly Notices of the Royal Astronomical Society, 2006, 369, 497-528.	4.4	155
82	The SAURON project - VII. Integral-field absorption and emission-line kinematics of 24 spiral galaxy bulges. Monthly Notices of the Royal Astronomical Society, 2006, 369, 529-566.	4.4	175
83	Central stellar populations of early-type galaxies in low-density environments. Monthly Notices of the Royal Astronomical Society, 2006, 370, 1213-1222.	4.4	41
84	The SAURON project - VIII. OASIS/CFHT integral-field spectroscopy of elliptical and lenticular galaxy centres*. Monthly Notices of the Royal Astronomical Society, 2006, 373, 906-958.	4.4	167
85	Morphology and kinematics of the ionised gas in early-type galaxies. New Astronomy Reviews, 2006, 49, 515-520.	12.8	10
86	Stellar kinematics and populations of early-type galaxies with the SAURON and OASIS integral-field spectrographs. New Astronomy Reviews, 2006, 49, 521-535.	12.8	21
87	Old Globular Clusters Masquerading as Young in NGC 4365?. Astronomical Journal, 2005, 129, 2643-2653.	4.7	52
88	Spatially resolved spectroscopy of the E+A galaxies in the $z=0.32$ cluster AC 114. Monthly Notices of the Royal Astronomical Society, 2005, 359, 1421-1432.	4.4	36
89	Formation and evolution of S0 galaxies: a SAURON case study of NGC 7332. Monthly Notices of the Royal Astronomical Society, 2004, 350, 35-46.	4.4	64
90	The SAURON project - III. Integral-field absorption-line kinematics of 48 elliptical and lenticular galaxies. Monthly Notices of the Royal Astronomical Society, 2004, 352, 721-743.	4.4	395

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91	Evidence for an Intermediate Age, Metal-rich Population of Globular Clusters in NGC 4365. <i>Astrophysical Journal</i> , 2003, 585, 767-774.	4.5	52
92	The SAURON project – II. Sample and early results. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 329, 513-530.	4.4	462
93	Stellar populations in early-type Coma cluster galaxies – I. The data. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 336, 382-408.	4.4	30
94	Early-type galaxies in low-density environments. <i>Monthly Notices of the Royal Astronomical Society</i> , 2002, 337, 172-198.	4.4	122
95	Galaxy Mapping with the SAURON Integral-Field Spectrograph: The Star Formation History of NGC 4365. <i>Astrophysical Journal</i> , 2001, 548, L33-L36.	4.5	110
96	On the Origin of the Color-Magnitude Relation in the Virgo Cluster. <i>Astrophysical Journal</i> , 2001, 551, L127-L130.	4.5	64
97	Line-of-sight velocity distributions of low-luminosity elliptical galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 326, 473-489.	4.4	38
98	The SAURON project - I. The panoramic integral-field spectrograph. <i>Monthly Notices of the Royal Astronomical Society</i> , 2001, 326, 23-35.	4.4	532
99	Colour-magnitude relations and spectral line strengths in the Coma cluster. <i>Monthly Notices of the Royal Astronomical Society</i> , 1999, 310, 445-452.	4.4	55
100	The SAURON project - XVII. Stellar population analysis of the absorption line strength maps of 48 early-type galaxies. <i>Monthly Notices of the Royal Astronomical Society</i> , 0, 408, 97-132.	4.4	272